

Date: Mon, 15 Aug 94 17:29:14 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #919
To: Info-Hams

Info-Hams Digest Mon, 15 Aug 94 Volume 94 : Issue 919

Today's Topics:

 Advice for GM visitor please!
 GB2RS News 14th August 1994
 Ham Radio & More Station List
 Info on AB Magnetics NF meter?
 Melbourne Florida HAMFEST
Qs on no code FCC license and Hardware
 Repeater Directory?
 Repeaters at Rehobeth Beach, DE?
 RF hazards
 Which HAM callsign CD ROM is best?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 14 Aug 1994 19:10:53 +0000
From: elroy.jpl.nasa.gov!swrinde!pipex!demon!kirsta.demon.co.uk!John@ames.arpa
Subject: Advice for GM visitor please!
To: info-hams@ucsd.edu

Hello all, but especially those in the USA...

My wife and I are in the early stages of planning a holiday in the USA,
and would be grateful for any hints or tips you can give me to get a bit
of Amateur Radio into the trip.

Here's the background:

- About three weeks in total, starting around 3 or 4 February next year, ending around 22 or 23 February;
- Phyllis insists that we spend a few days at either Disney World or Disney Land, as she has been wanting to go there since childhood. (Neglect of this condition could destroy the marriage :-) Disney Land is favourite at the moment, as she also wants to see California; but Florida is not totally ruled out yet.
- Other than that, the plan is to drive round, seeing the sites and generally having a good time. We have lots of suggestions of places to go and see, but the schedule is pretty open so far. Mostly we will be staying at low latitudes, for the weather.

My questions are:

1. I understand that my full UK call will let me operate in the USA. Can anyone point me at somewhere to get more info on reciprocal licencing?
2. (More important) While the schedule is still open, are there any Amateur Radio related events happening in early February that could conceivably be worked in to the trip? A big rally? Or even a small one?
3. I'm not planning any HF operation - probably just a 2m handheld to say "hello" while I'm there. I've never operated in the USA, and never heard any of your repeaters - and I won't have much time to learn how you do things differently to the UK. What operating tips do you have - or what do you recommend I read?

We are only just starting to think about the plans, so any hints, tips or suggestions would be really helpful.

(ducking for cover) Please e-mail replies ... I *do* read this group regularly, but I think the number of people interested in exactly the same questions is likely to be small, and I wouldn't like to see a lot of bandwidth wasted. If you think I'm wrong in that, post away, and I'll be just as grateful!

73, John, GM4ANB

--

John Morris email: John@kirsta.demon.co.uk AX25: GM4ANB@GB7EDN.#77.GBR.EU

Absurdity: A statement or belief manifestly inconsistent
with one's own opinion - Ambrose Bierce

Date: Thu, 11 Aug 1994 17:57:09 +0000
From: nmmc!demon!llondel.demon.co.uk!dave@uunet.uu.net
Subject: GB2RS News 14th August 1994
To: info-hams@ucsd.edu

Good morning. It's Sunday the 14th of August and here is the GB2RS news broadcast, prepared by the RSGB and intended for all radio amateurs and short-wave listeners.

First this week's headlines:

The RSGB has details of many RAE, Novice and Morse courses,

A QSL Manager has been appointed for the new G0 Victor series,

And a more stable conditions are predicted for the HF bands.

This time of year sees the start of courses for the Radio Amateurs Examination and for Morse training. For RSGB members, lists of courses are published in the August and September editions of Radio Communication, but there are too many courses to list on GB2RS. Anyone wanting to join an RAE or Morse course, can call RSGB Headquarters on 0707 659015 for details. Full information is available on Novice courses, too.

Now that the Class A licences have reached the G0 Victor series, an RSGB QSL sub-manager has been appointed to handle incoming cards. He is Mr R C Powell, G4VAA, and his address is: 11 North Park, Fakenham, Norfolk, postcode NR21 9RG. Full details of how the RSGB QSL Bureau works, and how to send and receive cards, can be found in the RSGB Call Book, or will be sent to you on request if you call 0707 659015.

The RSGB Liaison Officer for the West Midlands, Tony Faulkener, G0SKG, has a new telephone number. RSGB members in the West Midlands who require advice or assistance can now call him on: 0384 820616.

The South Glamorgan UHF repeater, GB3SG, has closed down from its site near Cardiff and will be of until a new site is approved. Enquiries should go to the repeater keeper, Roy Selleck, GW0JZR, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

Date: 15 Aug 1994 15:09:59 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
gatech!udel!news.sprintlink.net!indirect.com!usenet@network.ucsd.edu
Subject: Ham Radio & More Station List
To: info-hams@ucsd.edu

Date: Fri, 12 Aug 1994 08:48:30 +0000
From: nntp.ucsb.edu!ucsbuxb.ucsb.edu!library.ucla.edu!news.mic.ucla.edu!
unixg.ubc.ca!nntp.cs.ubc.ca!newsxfer.itd.umich.edu!gatech!nntp.msstate.edu!emory!
swrinde!pipex!demon!@ihnp4.ucsd.edu
Subject: Info on AB Magnetics NF meter?
To: info-hams@ucsd.edu

Hi,
I recently picked up an AB Noise Figure Meter 117A, made in Sweden, from a surplus store at a good price. Unfortunately it only has the plug in for noise tubes.

Missing is the 1177 plug in for the internal noise diode and the 1176 modulator unit for 28V units, which is the plug in I'm most interested in. Given the size of the PCB there can't be too much on it.

Does anyone have any info., schematics or a service manual for the unit, which I understand was quite widely used about ten years ago?

Thanks in advance,

Lehane
g8kmh

lehane@sni.co.uk

Date: 14 Aug 94 07:47:21 EDT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
mlb.semi.harris.com!theborg.mlb.fl.us!paul@network.ucsd.edu
Subject: Melbourne Florida HAMFEST
To: info-hams@ucsd.edu

The annual Melbourne Florida HAMFEST, sponsored by the Platinum Coast Amateur Radio Society (PCARS), will take place September 10 and 11, 1994.

Talk-in frequency will be: 146.25/146.85 MHz (input/output).

This was one of Florida's best last year, and hopes to be even better this year! Only two-three miles east from Interstate 95, exit 71.

Date: 12 Aug 1994 14:02:56 GMT
From: nntp.ucsb.edu!ucsbuxb.ucsb.edu!library.ucla.edu!news.mic.ucla.edu!
unixg.ubc.ca!nntp.cs.ubc.ca!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!news.kei.com@ihnp4.ucsd.edu
Subject: Qs on no code FCC license and Hardware
To: info-hams@ucsd.edu

In article <32e9pj\$4kq@agate.berkeley.edu>, kennish@kabuki.EECS.Berkeley.EDU (Ken A. Nishimura) writes:

>But to say that 50+ MHz isn't exciting
>is a bit strong. This type of mentality is what helps fuel the code
>wars -- I myself find all frequencies "exciting", for each has
>its own characteristics.

Why does it fuel the code wars? The different characteristics of different frequencies just appeal differently to different people. (If you can follow what I just said. I don't think I could have said "differently" another time if I tried. :-) Personally, my favourite mode is HF CW. I also enjoy the service stuff I'm involved in up on VHF and UHF. Now, I don't find the stuff above 440MHz very exciting--at least not now--but many people do.

Leave him alone. This "you're different so I'll jump on your back" mentality seems to have much more to do with fueling the code wars than what frequencies we find exciting.

Date: 14 Aug 1994 22:22:24 GMT
From: agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!psuvax1!news.pop.psu.edu!
news.cac.psu.edu!newsserver.jvnc.net!netnews.upenn.edu!netnews.upenn.edu!
yee@ames.arpa
Subject: Repeater Directory?
To: info-hams@ucsd.edu

>Is there a telnet site, or a text file that has the entire contents of
>the ARRL repeater directory?

As a public service to the amateur community, I and several people on the net tried to create an online repeater directory. This online directory used the ARRL directory as one of the sources. The ARRL sent me a letter "recommending" that I refrain from using their directory. The last version of the my online repeater directory which contained ARRL data is 0.03. Perhaps you can find that lying around somewhere on the net. The current "Universal and Free Listing of Repeaters for Radio Amateurs" is (as far as I know) freely redistributable. The current version is 0.10. Version 0.11 should be out RSN. I have just added some Netherlands data and gotten a California update. I am currently working on some 10 Meter data. Additional entries, of course, are welcomed.

--

Medical Image Processing Group		73 de Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
423 Guardian Drive		TELEPHONE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

Date: Mon, 15 Aug 1994 20:49:53 GMT
From: newsfeed.pitt.edu!gvls1!rossi@uunet.uu.net
Subject: Repeaters at Rehobeth Beach, DE?
To: info-hams@ucsd.edu

In article <32od5d\$10p@news.udel.edu> walt@diusys.cms.udel.edu (Walt Dabell) writes:

>Drew Cohn (andy@clark.net) wrote:

>: Anyone been to Rehobeth Beach in Delaware lately? Find any new 2 meter
>: repeaters? Don't seem to see anything in the repeater directory.

>

>Since you did say __NEW__ repeaters, I don't need to tell you

>about old repeaters like the K3JL machine (147.075/224.84) or the

>OC machine (147.015 and 44somthinanother) or any of the Dover

>machines (146.97, 147.195, 446.500?). Then there is the Seaford

>machine (145.210, down for lightening repair) the Delmar machine

>in 224.02 and the Salisbury machines (146.895?? and 146.82 pl 156.7).

>

>New machines in Sussex county Delaware would include 147.33 which is

>in Rehoboth Beach and 224.44 in Greenwood.

While not exactly "new" the 146.775 (131.8 PL) repeater in Wildwood NJ has made some major improvements since last year and has much wider coverage. I hear guys in Delaware on it all the time. It also has a remote base which links it back to N3KZ University of Pennsylvania system (443.8) which covers

practically the entire southeastern quarter of Pennsylvania.. and then some.

=====
Pete Rossi - WA3NNA rossi@vfl.paramax.COM

Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania
=====

Date: 12 Aug 1994 14:07:09 GMT
From: nntp.ucsb.edu!ucsbuxb.ucsb.edu!library.ucla.edu!news.mic.ucla.edu!
unixg.ubc.ca!nntp.cs.ubc.ca!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!news.kei.com@ihnp4.ucsd.edu
Subject: RF hazards
To: info-hams@ucsd.edu

In article <32egck\$ei8@gerald.cc.utexas.edu>, oo7@astro.as.utexas.edu (Derek Wills) writes:

>roh033.mah48d@rohmmaas.com (John E. Taylor III) says:

>
>>>If history is any guide, the tens of thousands of living hams are proof
>>>that, No, it's _not_ going to kill you, or make you sick, or make your
>>>hair fall out, or any of the other horrendous things the fright-mongers
>>>use to attack everything technological. Is that plain enough?

>
> I think the Tobacco Institute might have a job for you.

There has been *much* more proof of the hazards of smoking than the hazards of RF. Sure, if someone stands right next to an antenna running mega-power, they *might* have problems.

What people think they can do get rid of this danger (if it really exists, and the studies are inconclusive) is ridiculous! Not listening to the radio will not do a lot of good when the radio waves are still in the air. Turning on a radio to *listen* does not produce more EM waves.

Date: 15 Aug 1994 05:54:10 -0700
From: ihnp4.ucsd.edu!news.cerf.net!myb.saic.com!bethel.connected.com!
hebron.connected.com!not-for-mail@network.ucsd.edu
Subject: Which HAM callsign CD ROM is best?
To: info-hams@ucsd.edu

You might want to save the \$\$\$'s and try telnetting to
'electra.cs.buffalo.edu 2000'

Date: (null)

From: (null)

And from Vietnam, JA1IED hopes to be on the air about now using a 3W6 prefix. Frequencies to check include: 14,013, 14,240, 21,010 and between 21,150 and 21,200 kHz.

We know of two rallies taking place today, Sunday the 14th of August:

The Derby and District Amateur Radio Society Radio Rally is held at Littleover Community School, Littleover, Derby. This is on the A5250, just north of its junction with the A38. The event has the usual attractions including a monster junk sale.

The Flight Refuelling Amateur Radio Society Hamfest is at the Flight Refuelling Sports Ground, Merley, Wimborne, Dorset. Doors are open from 10am and the event features trade stands, a bring and buy stall and a car boot sale. Also on display is the G4RFR 10GHz EME station. Talk-in is available on 2m, channel S22.

Next the three events we know of for next Sunday the 21st of August:

The Great Eastern Rally is to be held at the Cattle Market, Hardwick Narrows, Kings Lynn. The market is located just off the A10, at its junction with the A47. Doors open at 10am, or 9.30 for disabled visitors. The event features trade stands and a bring and buy stall indoors, and a car boot area outside. Refreshments will be available. The site has easy access for the disabled as it is all on one level. Details from Ian, G0BMS, on 0553 765614.

The Southend Rally will be at the Rocheway Centre, Rochford, Essex. Doors open at 10am. The event features trade stands and, weather permitting, a boot sale for radio, computer and electronic equipment. Talk-in will be on channel S22. Details are available by telephoning 0702 353676.

The West Manchester Radio Clubs 'Red Rose' Rally is to be held at the Bolton Sports and Exhibition Centre, Silverwell Street, Bolton. Doors open at 11am, or 10.30 for disabled visitors. The event features over 70 trade stands, society stands and a bring and buy stall, all at pavement level. Refreshments will be available all day. Details from Dave, G1I00, on 0204 24104, evenings only.

Now for the HF contest news:

The European DX CW Contest is taking place this weekend and finishes at

2400 tonight, Sunday the 14th. Operate on HF bands, 3.5 to 28MHz, excluding the WARC bands and obeying IARU Region 1 band plans.

The South-East Asia Net DX SSB Contest is next weekend, from 0001 on Saturday the 20th until 2359 on Sunday the 21st on 1.8 to 28MHz, but not WARC bands. For further details see July RadCom page 19.

Next some VHF contest news:

The RSGB 24GHz Summer Cumulative Contest takes place today, the 14th, from 0900 to 2100 UTC. See April's RadCom page 82 for details.

The RSGB's 432MHz Fixed and Listeners Contest is next Sunday the 21st from 1700 to 2100 UTC. There are three sections, Single Operator Fixed, Others Fixed and SWL. See May RadCom page 79 for further details.

Special event stations active this week include:

GB4ASH at the Ashfield Show, Sutton-in-Ashfield, today, where the Mansfield Amateur Radio Society will be on the HF and VHF bands, CW and SSB, plus packet on 2 metres. Visitors are most welcome.

Also today, G2TV, will be activated by members of the Baird Amateur Radio Society to commemorate the 50th anniversary of the first multi-gun colour television tube.

Date: (null)

From: (null)

Next weekend, the 20th and 21st, GB50DD will be at the P L U T O Show at Lepe Country Park, near Calshot, Hampshire. Operation by members of the Horndean and District Amateur Radio Club will be on HF CW and SSB, plus VHF, all weekend.

Also next weekend GB2HP will be activated by the Paisley (YMCA) Amateur Radio Club from Holyrood Palace, and GB800DON will be on from the Doncaster Show.

Next, here is the solar factual data:

First the good news that the telex service has now been restored we are once again able to bring you the full data on GB2RS and via the RSGB Propagation Studies Committee packet propagation data service.

The period from the 1st to the 7th of August has seen solar activity at extremely low levels. On the 1st there were 3 sub faint flares - these would normally not be reported - and on the 4th there was one spotted

region on the disc made up of 11 very small spots. Geomagnetic activity has declined to 'very quiet'.

The sunspot indices have been very low every day with the mean for the period being only 22. Solar flux levels have hardly changed, averaging 75 units. The 90 day flux average on the 7th was 79 units.

The geomagnetic Ap indices have also been very quiet, averaging only 3.7 units, with some days being down to only 2 units. The state has been 'nil, nothing to report' all week. The daily aa indices, as supplied by the British Geological Survey for the 26th of July to the 1st of August, gave an average of 19.4 nanoTeslas, about K2, with periods down to only 5 nanoTeslas.

The X-Ray flux has remained low with the period averaging A2.6 units, though levels ranged from A3.4 down to A1.5, which is very low. The electron fluence levels which have been very high for some months have at last declined to near normal; this should improve the stability of the HF bands.

I'll repeat the figures. Spots - 22; Flux - 75; Ap index - 3.7; X-ray flux - A2.6.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, have increased almost every day from 6.4MHz up to 7.1MHz by the 7th August, giving an average of 6.8MHz for the period. The darkness hour lows averaged 3.1MHz. There have been many periods of blanketing E lasting up to 4 hours at times and some spread F. The highs are now about 20.00 hours and the lows at 04.00 hours.

I'll repeat the figures. Highs - 6.8MHz; lows - 3.1MHz.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg averaged 5.8MHz. The darkness hour lows have been affected by blanketing E, preventing readings at times but would appear to have been about 3.5MHz.

I'll repeat the figures: Highs - 5.8MHz; lows - 3.5MHz.

And lastly the solar forecast:

This week, the quieter side of the sun will be in view. Solar activity is expected to remain at very low levels. Geomagnetic activity is expected to be quiet up to the 19th, when levels could increase to unsettled. Ionospheric MUFs in the south are expected to be about 20MHz

during daylight, and about 12MHz for the darkness hours. Northern levels will be down on this; north/south paths will be the best.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Victor Delta and G7 Tango Hotel series, and Novice calls in the 2 0 Alpha India and 2 1 Delta Golf series.

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GB2RS is prepared by the Radio Society of Great Britain and is broadcast in the 80m, 40m, 6m and 2m bands.
Tel +44 1707 659015 Fax +44 1707 645105

Date: 15 Aug 1994 13:08:34 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!
news.duke.edu!solaris.cc.vt.edu!swiss.ans.net!newsgate.watson.ibm.com!
watnews.watson.ibm.com!@ihnp4.ucsd.edu
To: info-hams@ucsd.edu

References <776579945-0-40531@ns1.CC.Lehigh.EDU>, <m24501-120894124021@m24501-
mac.mitre.org>, <1994Aug13.085737.1123@ke4zv.atl.ga.us>u
Reply-To : vinod@watson.ibm.com
Subject : Re: ..from an aspiring ham

In article <1994Aug13.085737.1123@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

|>

|> I agree that a HT is terribly limiting, and wouldn't recomend it as a
|> first rig to anyone. However, the repeater spectrum sits idle most of

An HT has some advantages as a first radio. It can be very cheap and very flexible. You can use it in your car with an external antenna, you can use it at home with an external antenna (like a simple twin-lead J-pole), you can use it for packet, and you can carry it around if you go walking, jogging, hiking etc.

The first radio I bought is a used ICOM 02-AT, and that is the only VHF radio I have currently. I am thinking of getting a mobile now, but I think the HT is a good starter for someone on a limited budget because you can use it to figure out when and how you like to use your radio, and will always be handy to have around for travelling etc. even if you get mobiles or base stations later.

--vinod
email: vinod@watson.ibm.com

Date: 12 Aug 1994 03:57:04 -0400
From: gumby!newsxfer.itd.umich.edu!montego!not-for-mail@uunet.uu.net
To: info-hams@ucsd.edu

References <11AUG199412592700@elroy.uh.edu>, <32e8o2\$pih@umcc.umcc.umich.edu>,
<32env4\$j6v@nyx10.cs.du.edu>xfer.itd
Subject : Re: TM-733 Mods Needed.

In article <32env4\$j6v@nyx10.cs.du.edu>,
Jay Maynard <jmaynard@nyx10.cs.du.edu> wrote:
>In article <32e8o2\$pih@umcc.umcc.umich.edu>,
>Tim Tyler <tim@umcc.umcc.umich.edu> wrote:
>> If your "need" is truly a legitimate need, as opposed to simply a
>>personal desire for the capability to transmit outside of the ham bands,
>
>How about a personal desire to transmit on the *entire* 420-450 MHz amateur
>band? The 733 won't transmit all the way down, and there are legitimate
>reasons to transmit there on FM, like testing of auxiliary links operating
>between 420 and 430.

Call Clifford on 310/639-5300 & ask him.

>--
>Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
>jmaynard@admin5.hsc.uth.tmc.edu | adequately be explained by stupidity.
> "From now on, when someone asks you where you're from, you tell 'em
> 'Houston, city of champions!'" -- Rudy Tomjanovich

--
Tim Tyler Internet: tim@ais.org Packet: KA8VIR @WB8ZPN.#SEMI.MI.USA.NA
P.O. Box 443 C\$erve:72571,1005 GEnie:Sneaker AOL:Hooligan MCI: 442-5735
Ypsilanti MI
48197 This product was not tested on any animals.

Date: (null)
From: (null)

Date: 14 Aug 1994 02:33:11 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!travelers.mail.cornell.edu!newstand.syr.edu!
malamb@network.ucsd.edu
To: info-hams@ucsd.edu

References <Cty5K7.FIA@news.Hawaii.Edu>, <31rnbb\$b6l@baldrick.trimble.co.nz>,
<776728443snz@arkas.demon.co.uk>
Subject : Re: REQUEST: Help finding WWV receiver!

Michael J Dower (Michael@arkas.demon.co.uk) wrote:
: Our time signal, VNG, was on 4.5, 7.5 and 12 MHz depending on time of
: day. Now, I don't know where it is since the Gov't gave it away.
Last I knew, VNG was on 2500, 5000, 8638, 12984 and 16000 kHz. Several of
the frequencies have a talking clock that gives the time in English once
a minute, with a voice ID several times an hour. Others have a Morse code
ID. If memory serves, I got my QSL from them for hearing 16000. For those
who want to know more about the standard time and frequency stations, I
believe that some of the utility station books tell about them, as does a
section of the WRTH.

73--
Marie Lamb
malamb@mailbox.syr.edu

End of Info-Hams Digest V94 #919
